

Determination

All personnel responsible for developing, reviewing and approving a single source determination shall ensure that sound business judgment is applied in researching, documenting and approving such actions.

The rationale for a single source determination is not constrained by this form. If filled out electronically, the form will expand to the written narrative. If not available electronically, the drafter shall attach continuation sheets to ensure rationale is fully supported.

**SIMPLIFIED ACQUISITION PROCEDURES (SAP)
SINGLE SOURCE DETERMINATION FOR ACQUISITIONS NOT EXCEEDING THE SIMPLIFIED ACQUISITION
THRESHOLD AS DEFINED IN FAR 2.101**

SOLICITATIONS MAY BE LIMITED TO ONE SOURCE ONLY IF THE CONTRACTING OFFICER (*within its warrant authority*) DETERMINES THAT ONLY ONE SOURCE IS AVAILABLE IAW FAR 13.106-1(b). THIS DETERMINATION SHALL BE SUPPORTED WITH FULL JUSTIFICATION FOR SINGLE SOURCE FROM THE CUSTOMER. THE CUSTOMER SHALL PROVIDE THE FOLLOWING INFORMATION:

QUOTE/SOLICITATION NUMBER:

To be determined upon approval of this determination.

ESTIMATED AMOUNT (Not exceeding \$150,000): **\$46,200 (Initial Year), \$47,500 (Option Year 1), \$49,000 (Option Year 2), for a Total = \$142,700**

DESCRIPTION OF SUPPLIES OR SERVICES REQUIRED AND THE INTENDED USE:

The Navy Geothermal Program Office seeks to update and upgrade the Coso geothermal field reservoir model that was created in 2012 by Geothermal Science, Inc. using their proprietary reservoir modeling and incorporation of [REDACTED]. This modeling is used for running and updating production and injection data to determine historical trends, and to run forecasts based on various scenarios to determine future trends. This data provides valuable information for appropriate management of the geothermal resource, which is the mission of the Navy Geothermal Program Office.

UNIQUE CHARACTERISTICS THAT LIMIT AVAILABILITY TO ONLY ONE SOURCE, WITH THE REASON NO OTHER SUPPLIES OR SERVICES CAN BE USED: **A sole source to Geothermal Science, Inc. is necessary because they are the only company who has created the TETRAD reservoir model for the Coso geothermal field using their [REDACTED] which provides the most accurate representation of the geothermal field. Geothermal Science, Inc. created this reservoir model of the Coso Geothermal field in 2012 using their [REDACTED].**

REASON THAT SUGGESTED SOURCE IS THE ONLY SOURCE WHICH CAN PROVIDE THE SUPPLIES OR SERVICES:

As stated above, Geothermal Science, Inc. is the only company in the industry with this proprietary code created for reservoir modeling of the Coso geothermal field.

EXPLAIN WHY AN ADEQUATE PURCHASE DESCRIPTION OR OTHER INFORMATION SUITABLE TO SOLICIT BY FULL AND OPEN COMPETITION HAS NOT BEEN DEVELOPED OR IS NOT AVAILABLE:

See explanation above.

PROVIDE A STATEMENT OF ACTIONS, IF ANY, THE GOVERNMENT MAY TAKE TO REMOVE OR OVERCOME ANY BARRIERS TO COMPETITION BEFORE FUTURE ACQUISITIONS ARE REQUIRED:

Future acquisition for the same services will be solicited based on independent acquisition strategies, if and only if there are other comparable competitors.

I certify that the statements above are complete and correct to the best of my knowledge.

SIGNATURE, TITLE OF CUSTOMER and ACTIVITY

MEADE DAVID M. 1227828494

CODE

TELEPHONE NUMBER

DATE

REVIEWED BY PURCHASING AGENT/CONTRACT SPECIALIST

CODE

TELEPHONE NUMBER

DATE

APPROVED BY WARRANTED CONTRACTING OFFICER

CODE

TELEPHONE NUMBER

DATE

TORRES LYNN M. 1231396647